

Practitioner's Docket No. 700157-48436



526 Rec'd PCT/PTO 05 JAN 2001

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Sodroski et al.
Application No.: 09/446,820
Filed: November 10, 1998
For: STABILIZED PRIMATE LENTIVIRUS ENVELOPE
GLYCOPROTEINS

Group:
Examiner:

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06 JAN 2001

Legal Staff

Assistant Commissioner for Patents
Washington, D.C. 20231

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I hereby certify that the following correspondence:

1. Information Disclosure Statement (3 pgs);
2. Form PTO 1449 (6 pgs);
3. References AA, CA-GX (129 refs.);
4. Return Receipt Postcard;

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Trademark Office.

Date: December 26, 2000


Signature

Carline L. Lemoine
(type or print name of person certifying)



Docket No. 70015748436

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Applicants: Sodroski et al.

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GLYCOPROTEINS

Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: 12/26/00

Carline L. Lemoine

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicants herewith submit the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified patent application.

I. REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed:

- X (1) within three (3) months of the Filing Date or before the mailing date of the First Office Action on the merits; or

- (2) within three months of the mailing date of the PCT
International Search Report; or
- (3) after the period defined in (1) but before the mailing date of a
Final Rejection or **Notice of Allowance**, and the requisite
Certification or fee under Rule 1.17(p), namely **\$240.00**, is
included herein; or
- (4) after the mailing date of a **Final Rejection** or **Notice of
Allowance** but before the payment of the **Issue Fee**, and the
requisite Certification, petition, and petition fee are included
herein.

It is respectfully requested that each of the documents shown on the attached
form(s) PTO-1449 be made of record in this application. Copies of these documents
(CHECK ONE):

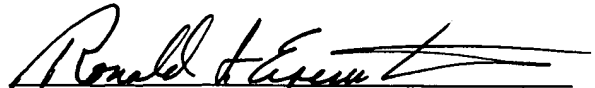
- X are enclosed herewith; and
- have been cited in the parent application, and are thus not being
resubmitted herein.

Early examination and allowance of the present application are respectfully
solicited.

FEE AUTHORIZATION

Should any fees associated with the submission be required, the
Commissioner is authorized to charge the missing fee to our Deposit Account No.
50-0850. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Ronald I. Eisenstein", with a long horizontal flourish extending to the right.

Ronald I. Eisenstein (Reg. 30,628)

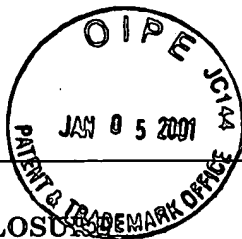
NIXON PEABODY LLP

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Date: December 26, 2000



FORM PTO-1449

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DOCKET NO.: 700157/48436

SERIAL NO.: 09/446,820

APPLICANT(S): Sodroski et al.

FILING DATE: 11/10/98

GROUP NO.:

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL S		DOCUME NT NUMBER	DATE	INVENTOR/ ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	45,817,316	Oct. 6, 1998				

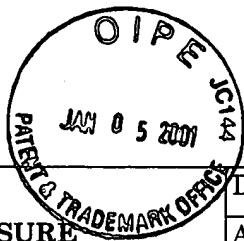
FOREIGN PATENT DOCUMENTS

		DOCUME NT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL ATION YES/NO
	BA						
	BB						
	BC						
	BD						
	BE						

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

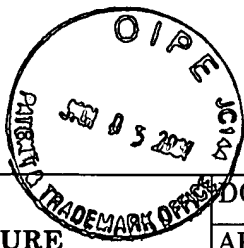
CA	Alkhatib, G., et al., <i>Science</i> 272:1955-1958 (1996)
CB	Allan, JS., et al., <i>Science</i> 228:1091-1093 (1985)
CC	Altschul, SF., et al., <i>Nucleic Acids Res.</i> 25: 3389-3402 (1997)
CD	Arendrup, et al., <i>J. AIDS</i> 5:303-307 (1992)
CE	Arthos, J., et al., <i>Cell</i> 57:469 (1989)
CF	Baggioline, M., et al., <i>Adv. Immunol.</i> 55:97-179 (1994)
CG	Barre-Sinoussi, F., et al., <i>Science</i> 220:868-871 (1983)
CH	Berkower, et al., <i>J. Exp. Med.</i> 170:1681-1695 (1989)
CJ	Berman, PW., et al., <i>Nature</i> 345:622-625 (1990)
CJ	Binley, J., et al., <i>AIDS Res. Hum. Retroviruses</i> , 14:191-198 (1997)
CK	Bolmstedt, A., et al., <i>J. AIDS</i> 12:213-220 (1996)
CL	Brodsky, MH., et al., <i>J Immunol.</i> 144:3078-3086 (1990)
CM	Bruck, et al., <i>Vaccine</i> 12:1141-1148 (1994)

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CN	Bullough, P., et al., <i>Nature</i> 371:37-43 (1994)
CO	Burton, et al., <i>Science</i> 266:1024-1027 (1994)
CR	Cao, J., et al., <i>J. Virol.</i> 71:9808-9812 (1997)
CQ	Carr, CM., et al., <i>Cell</i> 73:823-832 (1993)
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CS	Chen, CH., et al., <i>J. Virol.</i> 69:3771-3777 (1995)
CT	Chen, Z., et al., <i>J. Virol.</i> 71:2705-2714 (1997)
CU	Cheng-Mayer, C., et al., <i>Science</i> 240:80-82 (1988)
CV	Choe, H., et al., <i>Cell</i> 85:1135-1148 (1996)
CW	Clark, SJ, et al., <i>N. Engl. J. Med.</i> 324:950-960 (1991)
CX	Cocchi, F., et al., <i>Nature Med.</i> 2:1244-1247 (1996)
CY	Cocchi, F., et al., <i>Science</i> 270:1811-1815 (1995)
CZ	Connor, R., et al., <i>J. Exp. Med.</i> 185:628 (1997)
DA	Connor, RI., et al., <i>J. Virol.</i> 67:1772-1778 (1993)
DB	Coombs, RW., et al., <i>N. Engl. J. Med.</i> 321:1626-1631 (1989)
DC	Cordonnier, A., et al., <i>Nature</i> 340:571-574 (1989)
DD	D'Souza, et al., <i>J. Infect. Dis.</i> 175: 1056-1062 (1997)
DE	Daar, ES., et al., <i>N. Engl. J. Med.</i> 324:961-964 (1991)
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DG	Dalgleish, AG., et al., <i>Nature</i> 312:763-767 (1984)
DH	Dalum, et al., <i>Mol. Immunol.</i> 34:1113-1120 (1997)
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DJ	Dean, M., et al., <i>Science</i> 273:1856-1862 (1996)
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DL	Deng, HK., et al., <i>Nature</i> 381:661-666 (1996)
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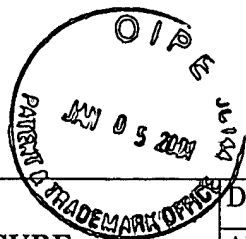
APPLICANT(S): Sodroski et al.

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DP	✓	Earl, PL., et al., <i>Proc. Natl. Acad. Sci. USA</i> 87:648-652 (1990)
DQ	✓	Emini, et al., <i>Nature</i> 355:728-730 (1991)
DR	✓	Fauci, AS., et al., <i>Ann. Inter. Med.</i> 124:654-663 (1996)
DS	✓	Feng, Y., et al., <i>Science</i> 272:872-877 (1996)
DT	✓	Fenyo, E., et al., <i>J. Virol.</i> 62:4414-4419 (1988)
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DV	✓	Fung, et al., <i>J. Virol.</i> 66:848-856 (1992)
DW	✓	Gallo, RC., et al., <i>Science</i> 224:500-503 (1984)
DX	✓	Gegerfelt, et al., <i>Virology</i> 185:162-168 (1991)
DY	✓	Geller, AI., et al., <i>J. Neurochem</i> 64:487 (1995)
DZ	✓	Geller, AI., et al., <i>Proc Natl. Acad. Sci. U.S.A.</i> 87:1149 (1990)
EA	✓	Geller, AI., et al., <i>Proc Natl. Acad. Sci. U.S.A.</i> 90:7603 (1993)
EB	✓	Gerard, N., et al., <i>Curr. Opin. Immunol.</i> 6:140-145 (1994)
EC	✓	Girard, et al., <i>Proc. Natl. Acad. Sci. USA</i> 88:542-546 (1991)
ED	✓	Gorny, et al., <i>J. Virol.</i> 66:7538-7542 (1992)
EE	✓	Haigwood, et al., <i>AIDS Res. Hum. Retro.</i> 6:855-869 (1990)
EF	✓	Haigwood, et al., <i>J. Virol.</i> 66:172-182 (1992)
EG	✓	Ho, DD., et al., <i>N. Engl. J. Med.</i> 321:1621-1625 (1989)
EH	✓	Ho, et al., <i>J. Virol.</i> 65:489-493 (1991)
EI	✓	Javaherian, et al., <i>Science</i> 250:1590-1593 (1990)
EJ	✓	Kang, et al., <i>Proc. Natl. Acad. Sci. USA</i> 88:6171-6175 (1991)
EK	✓	Kaplitt, MG., et al., <i>Nat. Genet.</i> 8:148 (1994)
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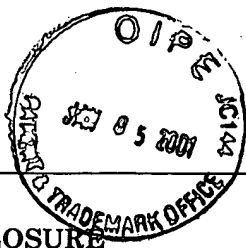
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EZ	✓	Moore, et al., <i>J. Virol.</i> 69:101-109 (1995)
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FB	✓	Moore, et al., <i>J. Virol.</i> 67:863-875 (1993)
FC	✓	Moore, et al., <i>J. Virol.</i> 69:122-133 (1995)
FD	✓	Moore, et al., <i>J. Virol.</i> 70:1863-1872 (1996)
FE	✓	Moore, J., et al., <i>J. Virol.</i> 68:469-484 (1994)
FF	✓	Moore, J., et al., <i>J. Virol.</i> 68:8350-8364 (1994)
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FJ	✓	Ohno, et al., <i>Proc. Natl. Acad. Sci. USA</i> 88:10726-10729 (1991)
FK	✓	Olshevsky, U., et al., <i>J. Virol.</i> 64:5701-5707 (1990)
FL	✓	Peterson, A., et al., <i>Cell</i> 54:65-72 (1988)
FM	✓	Pinter, A., et al., <i>J. Virol.</i> 63:2674-2679
FN	✓	Pollard, S., et al., <i>EMBO J.</i> 11:585-591 (1992)
FO	✓	Posner, et al., <i>J. Immunol.</i> 16:4325-4332 (1991)
FP	✓	Premack, BA., et al., <i>Nature Medicine</i> 11:1174-1178 (1996)
FQ	✓	Profy, et al., <i>J. Immunol.</i> 144:4641-4647 (1990)
FR	✓	Roben, P., et al., <i>J. Virol.</i> 68:4821-4828 (1994)



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FS	✓ Robey, W., et al., <i>Proc. Natl. Acad. Sci. USA</i> 83:7023-7027 (1986)
FT	✓ Robey, WG., et al., <i>Science</i> 228:593-595 (1985)
FU	✓ Robinson, J., et al., <i>AIDS Res. Hum. Retro</i> 6:567-580 (1990)
FV	✓ Rusche, et al., <i>Proc. Natl. Acad. Sci. USA</i> 84:6924-6928 (1987)
FW	✓ Rusche, J., et al., <i>Proc. Natl. Acad. Sci. USA</i> 85:3198-3202 (1988)
FX	✓ Ryu, SE., et al., <i>Nature London</i> 348:419-425 (1990)
FY	✓ Samson, M., et al., <i>Nature</i> 382:722-725 (1996)
FZ	✓ Sattentau, Q., et al., <i>J. Exp. Med.</i> 174:407-415 (1991)
GA	✓ Sattentau, Q., et al., <i>J. Virol.</i> 67:7388-7393 (1993)
GB	✓ Sawyer, et al., <i>J. Virol.</i> 67:1342-1349 (1994)
GC	✓ Schuitemaker, H., et al., <i>J. Virol.</i> 66:1354-1360 (1991)
GD	✓ Speck, R., et al., <i>J. Virol.</i> 71:7136-7139 (1997)
GE	✓ Starcich, BR., et al., <i>Cell</i> 45:637-648 (1986)
GF	✓ Steimer, et al., <i>Science</i> 254:105-108 (1991)
GG	✓ Sullivan, et al., <i>J. Virol.</i> 69:4413-4422 (1995)
GH	✓ Thali, et al., <i>J. Virol.</i> 65:6188-6193 (1991)
GI	✓ Thali, et al., <i>J. Virol.</i> 66:5635-5641 (1992)
GJ	✓ Thali, M., et al., <i>J. Virol.</i> 67:3978-3988 (1993)
GK	✓ Tilley, et al., <i>Res. Virol.</i> 142:247-259 (1991)
GL	✓ Trkola, A., et al., <i>J. Virol.</i> 70:1100-1108 (1996)
GM	✓ Trkola, A., et al., <i>Nature</i> 384: 184-187 (1996)
GN	✓ Wang, J., et al., <i>Nature London</i> 348:411-418 (1990)
GO	✓ Watkins, B., et al., <i>J. Virol.</i> 67:7493 (1993)
GP	✓ Weissenhorn, W., et al., <i>EMBO J.</i> 15:1507-1514 (1996)
GQ	✓ Weissenhorn, W., et al., <i>Nature</i> 387:426-430 (1997)
GR	✓ Wu, L., et al., <i>Nature</i> 384:179-183 (1996)
GS	✓ Wyatt, et al., <i>J. Virol.</i> 69:5723-5733 (1995)
GT	✓ Wyatt, R., et al., <i>J. Virol.</i> 67:4557-4565 (1993)



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SERIAL NO.: 09/446820

APPLICANT(S): Sodroski et al.

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GU ✓ Wyatt, R., et al., *J. Virol.* 71:9722-9731 (1997)GV ✓ Yang, et al., *J. Virol.* 69:2004 (1995)GW ✓ Zhang, L., et al., *Nature* 383:768 (1996)GX ✓ Zhu, T., et al., *Science* 261:1179-1181 (1993)

EXAMINER:

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